

In the Claims

1. (Original) A composite cemented carbide roll having a sleeve comprising a cemented carbide outer layer formed integrally from a plurality of previously sintered cylindrical formed members and an inner layer made of a steel member formed on the inner surface of said outer layer, fixed through engagement with a steel arbor; wherein said sleeve has a length within a range of from 520 to 6,000 mm.

2. (Original) A composite cemented carbide roll according to claim 1, wherein the number of said formed members is within a range of from 5 to 30.

3. (Original) A composite cemented carbide roll having a sleeve comprising a cemented carbide outer layer formed integrally from a plurality of previously sintered cylindrical formed members and an inner layer made of a steel member formed on the inner surface of said outer layer, fixed through engagement with a steel arbor; wherein said sleeve has a ratio  $S_0/S_i$  of the sectional area  $S_0$  of said outer layer in the cross-section perpendicular to the rotation axis to the sectional area  $S_i$  of said inner layer within a range of from 0.3 to 20.

4. (Original) A composite cemented carbide roll according to claim 3, wherein the ratio  $S_0/S_i$  of the sectional area  $S_0$  of said outer layer to the sectional area  $S_i$  of said inner layer is within a range of from 0.8 to 15.

5. (Original) A composite cemented carbide roll according to any one of claims 1 to 4, wherein said roll has an outside diameter within a range of from 150 to 800 mm, and is used as a work 5 roll for a cold tandem mill.

6 - 12 (Cancelled)